

APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
COMPACT FULL-WIDTH ARRAY ARCHITECTURE WITHOUT SATELLITE AND BUTTING ERRORS

described and claimed in the specification:

Check one

*a. attached hereto.
b. filed on _____ as Application No. _____ and amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;
Richard E. Rice, Reg. No. 31,560; Paul Tsou, Reg. No. 37,956; and
Eric D. Morehouse, Reg. No. 38,565.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE,
PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of First or Sole Inventor	Eduardo	Mariano	FREIRE
2	**Inventor's Signature:	Given Name <i>Eduardo Mariano Freire</i>		Family Name
3	**Date of Signature:	12/11/03		
Residence:		Month	Day	Year
		Webster	New York	U.S.A.
Citizenship:		City	State or Province	Country
Post Office Address: (Insert complete mailing address, including country) <u>611 Cardile Drive</u> <u>Webster, New York 14580, USA</u>				

*If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

**Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE

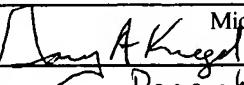
PAGE 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sealed inventor application)

1 <i>Typewritten Full Name of Second Joint Inventor (if any)</i>	Given Name <u>Harry</u>	Middle Initial <u>J</u>	Family Name <u>WILLIAMS</u>
2 **Inventor's Signature: <u>Harry</u>	Month <u>12</u>	Day <u>12</u>	Year <u>2003</u>
3 **Date of Signature:			
Residence:	Webster	New York	U.S.A.
Citizenship:	City	State or Province	Country
Post Office Address: (Insert complete mailing address, including country)	1135 Rousseau Drive Webster, New York 14580, U.S.A.		
1 <i>Typewritten Full Name of Third Joint Inventor (if any)</i>	Given Name <u>Gary</u>	Middle Initial <u>A.</u>	Family Name <u>KNEEZEL</u>
2 **Inventor's Signature: <u></u>	Month <u></u>	Day <u></u>	Year <u></u>
3 **Date of Signature:			
Residence:	Webster	New York	U.S.A.
Citizenship:	City	State or Province	Country
Post Office Address: (Insert complete mailing address, including country)	1819 Woodard Road Webster, New York 14580, U.S.A.		
1 <i>Typewritten Full Name of Fourth Joint Inventor (if any)</i>	Given Name <u>Yoshihiko</u>	Middle Initial <u></u>	Family Name <u>FUJIMURA</u>
2 **Inventor's Signature: <u></u>	Month <u></u>	Day <u></u>	Year <u></u>
3 **Date of Signature:			
Residence:	Fujisawa-shi	Kanagawa	JAPAN
Citizenship:	City	State or Province	Country
Post Office Address: (Insert complete mailing address, including country)	4-30-13, Ishikawa Fujisawa-shi, Kanagawa, 252-0815, JAPAN		
1 <i>Typewritten Full Name of Fifth Joint Inventor (if any)</i>	Given Name <u></u>	Middle Initial <u></u>	Family Name <u></u>
2 **Inventor's Signature: <u></u>	Month <u></u>	Day <u></u>	Year <u></u>
3 **Date of Signature:			
Residence:	City	State or Province	Country
Citizenship:	Post Office Address: (Insert complete mailing address, including country)		

Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.

**PAGE 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)**

1 Typewritten Full Name of Second Joint Inventor (if any)	Harry	Anderson	WILLIAMS
	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
Residence:	Webster	New York	U.S.A.
	City	State or Province	Country
Citizenship:			
Post Office Address: (Insert complete mailing address, including country)	1135 Rousseau Drive		
	Webster, New York 14580, U.S.A.		
1 Typewritten Full Name of Third Joint Inventor (if any)	Gary	A.	KNEEZEL
	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	December 3, 2003		
Residence:	Webster	New York	U.S.A.
	City	State or Province	Country
Citizenship:	United States of America		
Post Office Address: (Insert complete mailing address, including country)	1819 Woodard Road		
	Webster, New York 14580, U.S.A.		
1 Typewritten Full Name of Fourth Joint Inventor (if any)	Yoshihiko		FUJIMURA
	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
Residence:	Fujisawa-shi	Kanagawa	JAPAN
	City	State or Province	Country
Citizenship:	Japan		
Post Office Address: (Insert complete mailing address, including country)	4-30-13, Ishikawa		
	Fujisawa-shi, Kanagawa, 252-0815, JAPAN		
1 Typewritten Full Name of Fifth Joint Inventor (if any)	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
Residence:	City	State or Province	Country
Citizenship:			
Post Office Address: (Insert complete mailing address, including country)			

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1	Typewritten Full Name of Second Joint Inventor (if any)	Harry	Anderson	WILLIAMS
		Given Name	Middle Initial	Family Name
2	**Inventor's Signature:			
3	**Date of Signature:	Month	Day	Year
Residence:	Webster	New York	U.S.A.	
	City	State or Province	Country	
Citizenship:				
Post Office Address: (Insert complete mailing address, including country)	1135 Rousseau Drive Webster, New York 14580, U.S.A.			
1	Typewritten Full Name of Third Joint Inventor (if any)	Gary	A.	KNEEZEL
		Given Name	Middle Initial	Family Name
2	**Inventor's Signature:			
3	**Date of Signature:	Month	Day	Year
Residence:	Webster	New York	U.S.A.	
	City	State or Province	Country	
Citizenship:	United States of America			
Post Office Address: (Insert complete mailing address, including country)	1819 Woodard Road Webster, New York 14580, U.S.A.			
1	Typewritten Full Name of Fourth Joint Inventor (if any)	Yoshihiko		FUJIMURA
		Given Name	Middle Initial	Family Name
2	**Inventor's Signature:	<i>Yoshihiko Fujimura</i>		
3	**Date of Signature:	11 / 13 / 2003		
Residence:	Fujisawa-shi	Kanagawa	JAPAN	
	City	State or Province	Country	
Citizenship:	Japan			
Post Office Address: (Insert complete mailing address, including country)	4-30-13, Ishikawa Fujisawa-shi, Kanagawa, 252-0815, JAPAN			
1	Typewritten Full Name of Fifth Joint Inventor (if any)	Given Name	Middle Initial	Family Name
2	**Inventor's Signature:			
3	**Date of Signature:	Month	Day	Year
Residence:	City	State or Province	Country	
Citizenship:				
Post Office Address: (Insert complete mailing address, including country)				

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